USB Adapter

PS/2 to USB Keyboard/ Mouse Adapter

Installation Manual

USB2PS2

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REGISTERED ISO 9001

Overview

Universal Serial Bus (USB) port technology has emerged in response to the growth in popularity of external peripheral devices (keyboards, mice, scanners, digital cameras, removable drives, etc.), that are increasingly being connected to the latest generation of PCs. The USB behaves in a similar fashion to the conventional bus ports (i.e., serial parallel, PS/2), but is much faster, and since it does not require any IRQs, more devices can be attached to the system, and the problem of IRQ conflict is eliminated.

The USB2PS2 PS/2-to-USB Keyboard and Mouse interface converter provides the means for PS/2 type keyboards and mice to connect a PC, notebook, laptop, or handheld computing device that supports the USB specification via the USB instead of using conventional bus technology.

The USB2PS2 comes with 2 standard 6 pin mini DIN female connectors for the PS/2 keyboard and PS/2 mouse to plug into, and has an attached 30 cm (1 ft.) USB cable with a type A plug for connection to the PCs USB port, or to a USB hub.

Note: Since most computers only have 1 or 2 USB ports, USB hubs are often used to provide additional ports so that numerous USB pripheral devices can be connected up at the same time.

For further convenience - especially to users of notebooks, laptops, and handhelds - the USB2PS2 Adapter derives its operating power from the Universal Serial Bus itself, so no bulky external power supply needs to be taken along. And because it is a USB Specification compliant device, the USB2PS2 supports energy-saving suspend and resume operations.

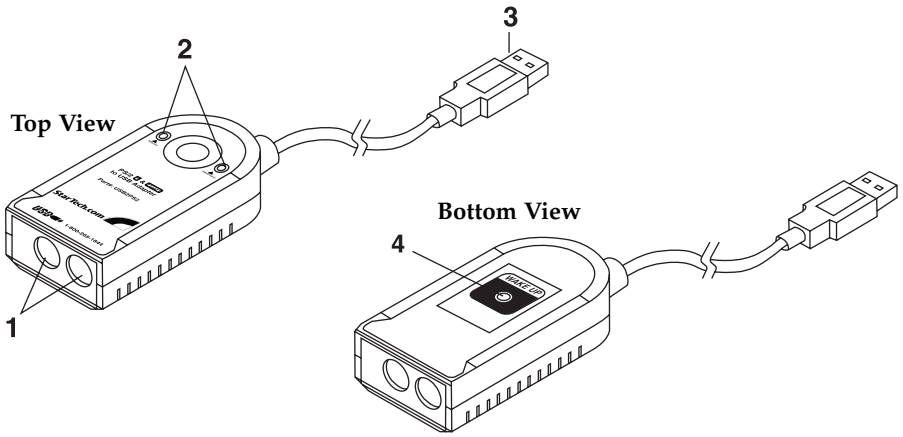
Features

1. 2 PS/2 devices (keyboard and mouse) to USB interface converter
2. Supports PS/2 mouse and Microsoft IntelliMouse
3. Supports PC Windows98 and Apple G3/iMac w/OS 8.6 Computers
4. Wake up function
5. USB 1.0 and 1.1 specification compliant
6. Easy Installation - no software required
7. Bus Powered - external power adapter not required
8. Compatible with KVM devices

System Requirments

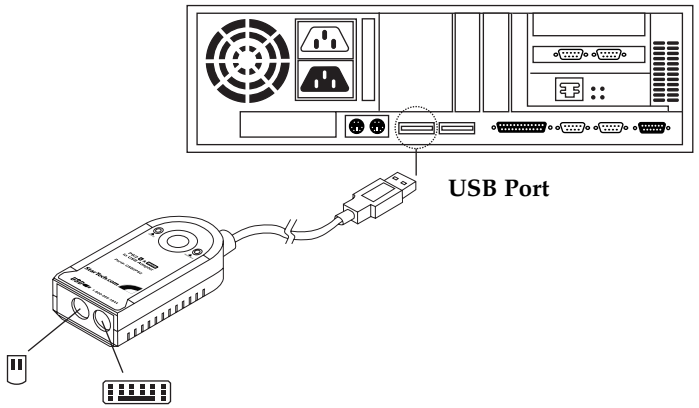
1. PC running Windows 98; or Apple running MAC OS 8.6 or higher
2. USB host controller installed on the system.

Introduction



1. Mouse and keyboard ports. The cables from the PS/2 mouse and PS/2 keyboard plug in here. The ports are marked with an icon to indicate which is which.
2. Mouse and keyboard LEDs. These flash when the keyboard or mouse is transmitting datapackets.
3. USB A type connector. This connector plugs into the computer's USB port, or into a USB Hub that is connected back to the computer.
4. Wake up switch - used to bring your computer out of sleep mode when PS/2 peripherals do not work.

Installation



To instal simply plug the cables into their appropriate sockets:

1. Plug the PS/2 mouse and PS/2 keyboard into the appropriate connectors on the USB2PS2 adapter. The ports are marked with an icon to indicate which is which.
2. Plug the USB2PS2 USB plug into the computer's USB port, or into a USB Hub that is connected back to the computer.

After completing these steps, simply use the mouse and keyboard as you normally would.

Specifications

Function	Specification
Connectors	(2) 6 DIN Female, USB A Male
Function Switches	1 Remote Wake Up Pushbutton
Cable Length	0.3 m (1 ft.)
Supported Platforms	Windows98, Windows2000, Apple Mac OS 8.6
Transfer Rate	12Mbps (bits per second)
USB Specifications	1.0 and 1.1 Compatible
Power Mode	Bus Powered (via the USB cable)
Operating Temperature	5~40 deg. C, 0~80% RH, non-condensing
Storage Temperature	-20~60 deg. C, 0~80% RH, non-condensing
Casing Material	Plastic
Weight	80 g
Dimensions (L x W x H)	82 x 55 x 23 mm
LED	Keyboard activity, mouse activity

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDORS LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, DISK, OR ITS DOCUMENTATION EXCEED THE PRICE PAID FOR THE PRODUCT.

The direct vendor makes no warranty or representation, expressed, implied, or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify an individual or entity of such revisions, or update. For further inquiries, please contact your direct vendor.

Radio & TV Interface

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interface will not occur in a particular installation.